

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	68	"5222982".pn. OR "6372482".pn. OR "20030129736".pn. OR "4008047".pn. OR "4666668".pn. OR "20040057869".pn. OR "3927981".pn. OR "5034188".pn. OR "3839204".pn. OR "3684097".pn. OR "3977976".pn. OR "5110548".pn. OR "5225161".pn. OR "5316724".pn. OR "4176069".pn. OR "3892533".pn. OR "5695717".pn. OR "5263924".pn. OR "5626759".pn. OR WO-02076529-\$.DID. OR WO-0038758-\$.DID. OR "6368836".pn. OR "2002119176".pn. OR WO-9945860-\$.DID. OR WO-0066036-\$.DID. OR WO-03082145-\$.DID. OR WO-05034624-\$.DID. OR "6720469".pn. OR "6368838".pn. OR "6143293".pn. OR "5776748".pn. OR "5674743".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 19:50
L2	14	"20060136182".pn. OR WO-2001020330-\$.DID. OR WO-9640007-\$.DID. OR WO-9945860-\$.DID. OR "6455311".pn. OR "6143293".pn. OR "5490962".pn. OR "6472200".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 19:54
L3	62452	"micromachined surface" OR (micromachined SAME surface) OR "nantopographicfeatures" OR (nanoscale SAME surface) OR (surface SAME morphology SAME nanometer) OR MEMS	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 19:56
L4	188957	lithography OR lithographic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 19:56
L9	2028196	(lateral OR longitudinal OR grid OR divided OR compartments OR assembly OR subassembly OR assemblies OR subassemblies OR wall* OR floor* OR "surface structure" OR "desired location" OR target OR "specific compartment" OR "specified location") SAME (oriented OR orientation OR surface OR alignment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 19:58
L10	338846	(membrane OR "semi-permeable membrane" OR "semipermeable membrane" OR "microporous membrane") AND (central OR layer OR bilayer OR layered)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 19:59

L11	41937	9 AND 10 AND (pump OR pumping OR "nutrient supply" OR excretion OR waste)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 19:59
L12	10293	(3 OR 4) AND 9 AND 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:00
L14	1969	(3 AND 4) AND 9 AND 10 AND (pump OR pumping OR "nutrient supply" OR excretion OR waste OR "fluid communication")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:01
L15	914	(3 AND 4) AND 9 AND 10 AND ("fluid communication")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:01
L16	57	15 AND ("cell type" OR "endothelial cells" OR "SMCs" OR "smooth muscle cells" OR "skeletal muscle cells" OR myocytes OR "cardiac cells" OR fibroblasts OR chondrocytes OR adipocytes OR fibromyoblasts OR "ductile cells" OR "skin cells" OR hepatocytes OR "kidney cells" OR "pancreatic islet cells" OR osteoblasts OR "hematopoietic cells" OR "hematopoietic stem cells" OR "stem cells")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:01
L17	298	15 AND ("faciliate adhesion" OR "preferentially adhere" OR adhesion OR "cell adhesion" OR "cell attachment")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:01
L18	47	16 AND 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:01
L19	36	18 AND (@pd<"20040818" OR @ad<"20040818" OR @prad<"20040818" OR @rlad<"20040818" OR @ptad<"20040818")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:03
L20	33	18 AND (@pd<"20030818" OR @ad<"20030818" OR @prad<"20030818" OR @rlad<"20030818" OR @ptad<"20030818")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:03
L21	29	20 AND nano\$12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:03
L22	1101	Charles.as. AND Stark.as. AND Draper.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:06
L23	1349	General.as. AND Hospital.as. AND corporation.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:06
L24	19	((JEFFREY) near2 (BORENSTEIN)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:07
L25	128	((DAVID) near2 (CARTER)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:07

L26	30	((JOSEPH) near2 (VACANTI)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:07
L27	52	((JOSEPH) near2 (VACANTI)).INV.	US-PGPUB; USPAT	OR	OFF	2009/11/30 20:07
L28	186	((DAVID) near2 (CARTER)).INV.	US-PGPUB; USPAT	OR	OFF	2009/11/30 20:07
L29	44	((JEFFREY) near2 (BORENSTEIN)). INV.	US-PGPUB; USPAT	OR	OFF	2009/11/30 20:07
L30	441	24 OR 25 OR 26 OR 27 OR 28 OR 29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:08
L31	1	30 AND (((L3 OR L4) OR L10) AND (L16 OR L17))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:09
L32	115	30 AND (((L3 OR L4) OR L10))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:10
L33	1	30 AND ((L16 OR L17))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:10
L34	27	30 AND (((L3 OR L4) AND L10))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:10
L35	1	(22 OR 23) AND (((L3 OR L4) OR L10) AND (L16 OR L17))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:16
L36	636	(22 OR 23) AND (((L3 OR L4) OR L10))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:16
L37	56	(22 OR 23) AND (((L3 OR L4) AND L10))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/30 20:17

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